

**FIGURE 1**



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FIGURE 2A

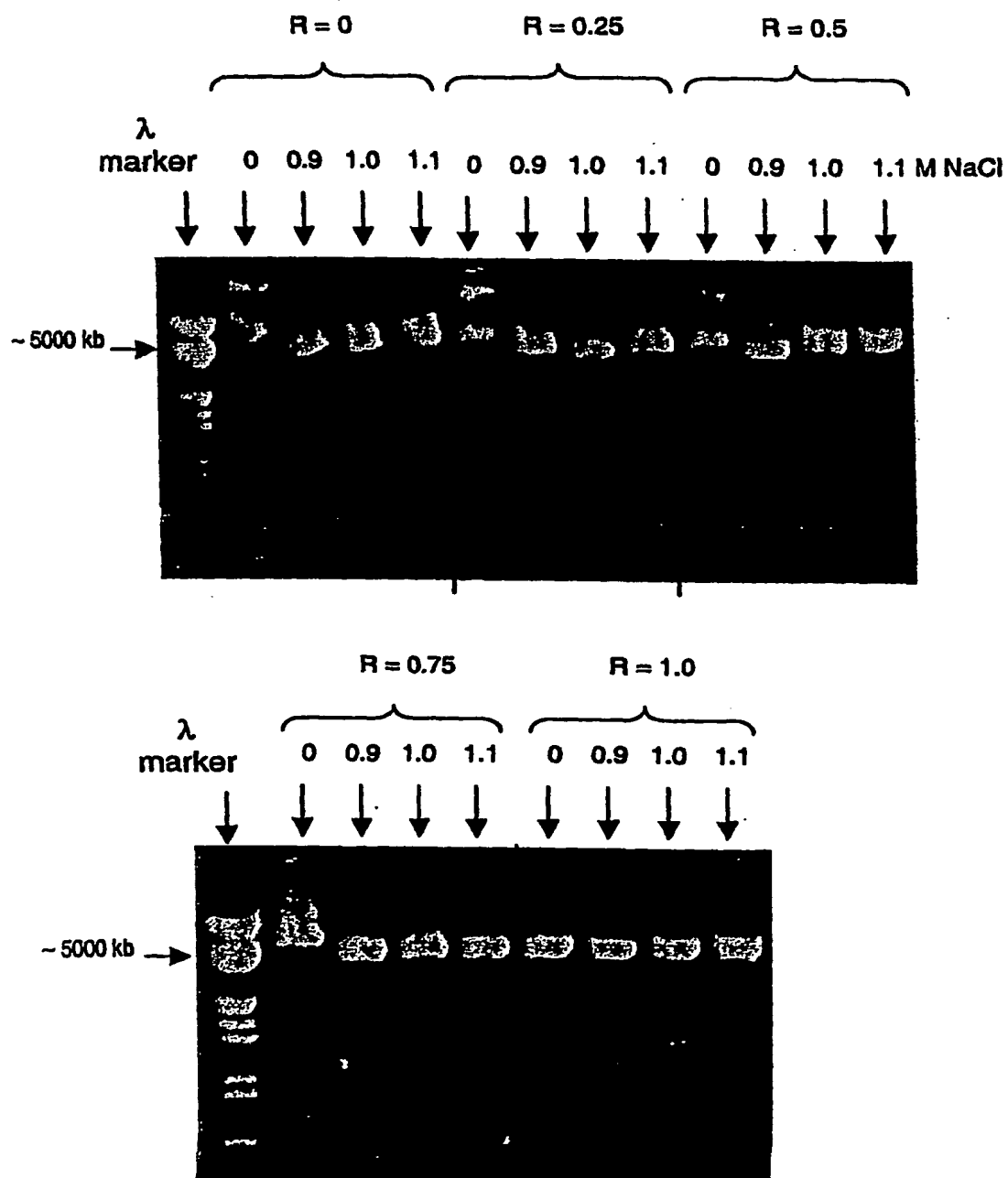
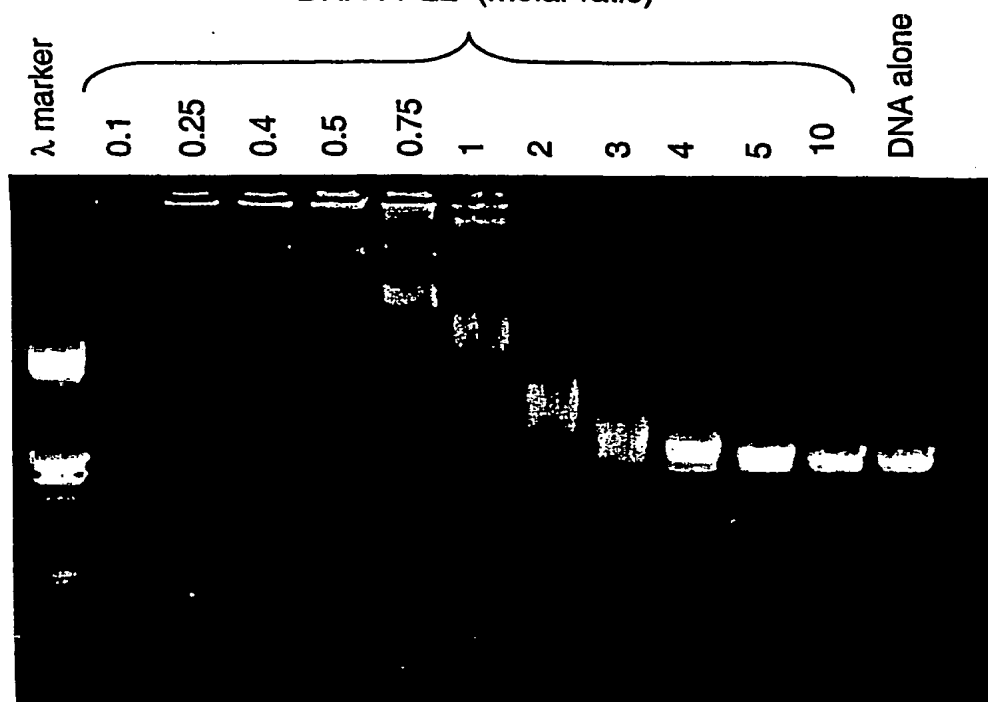


FIGURE 2 CONTINUED

B)

DNA : PLL (molar ratio)



C)

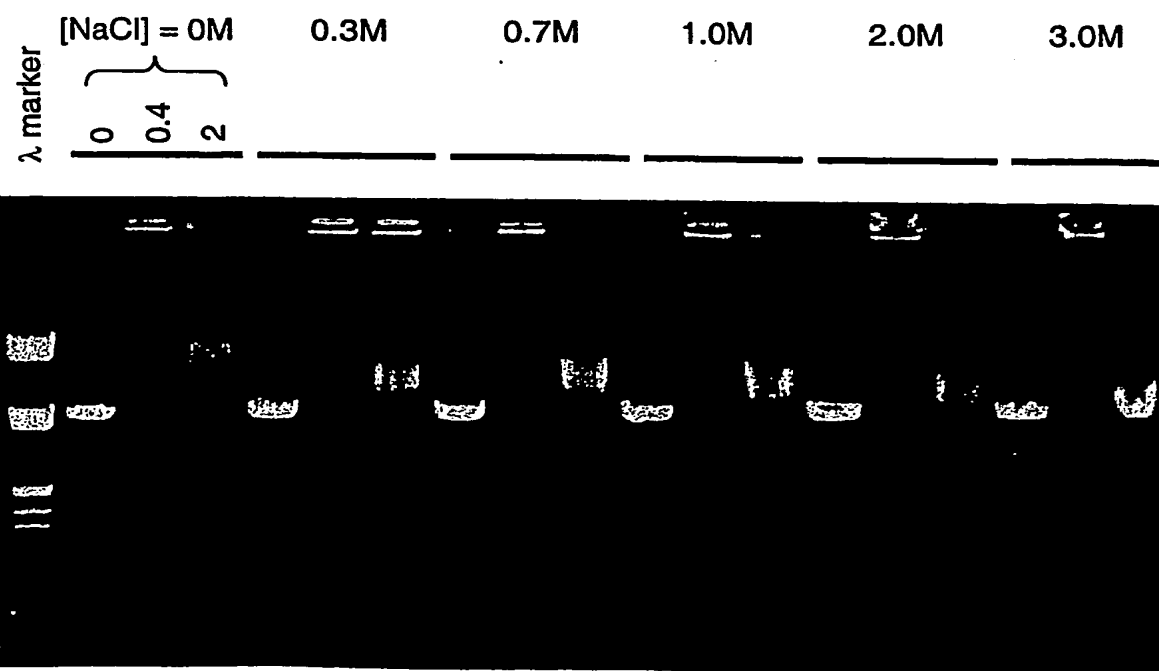


FIGURE 3

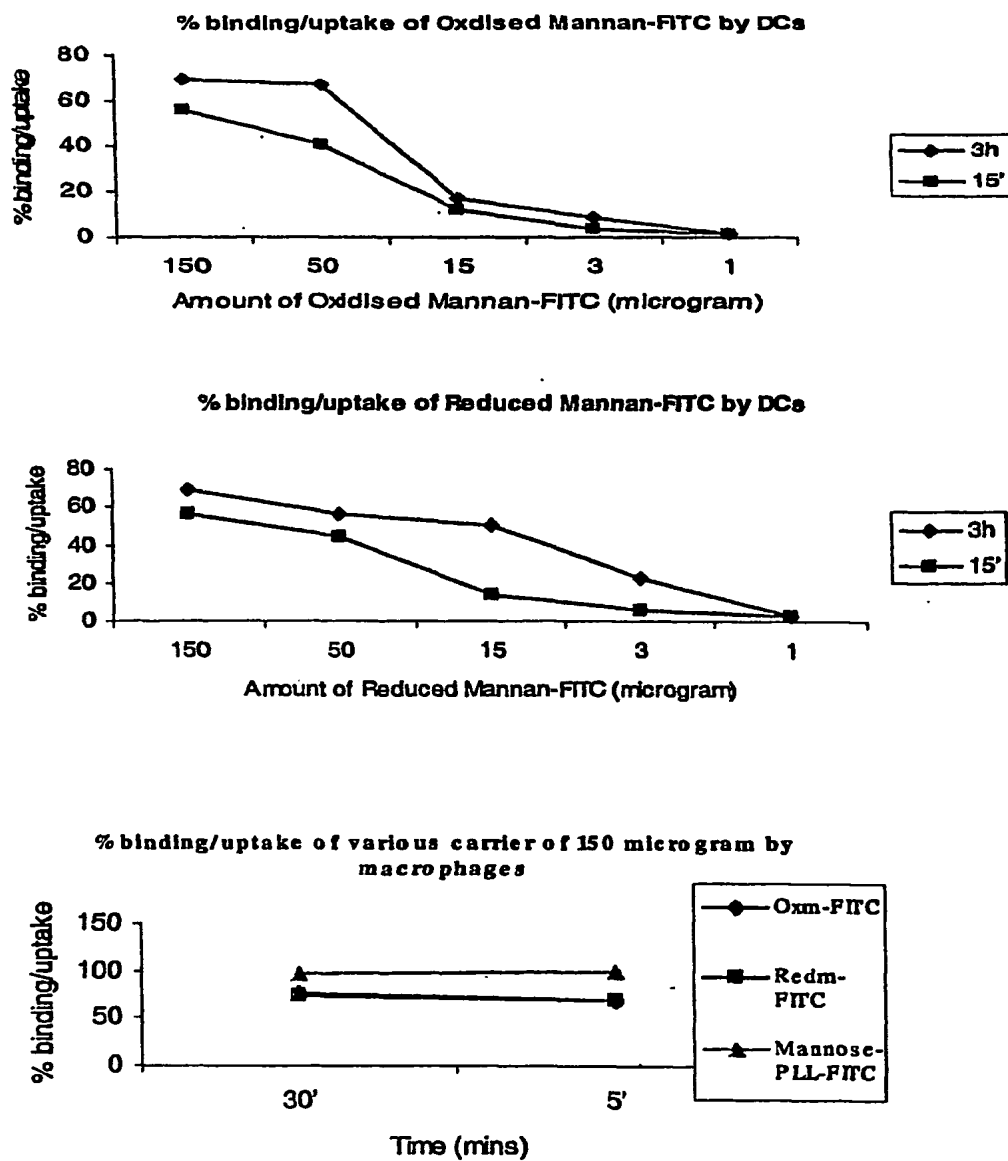


FIGURE 4A

% expression of eGFP conjugated to various carriers in CD11c+ cells of DC cultures (20h incubation)

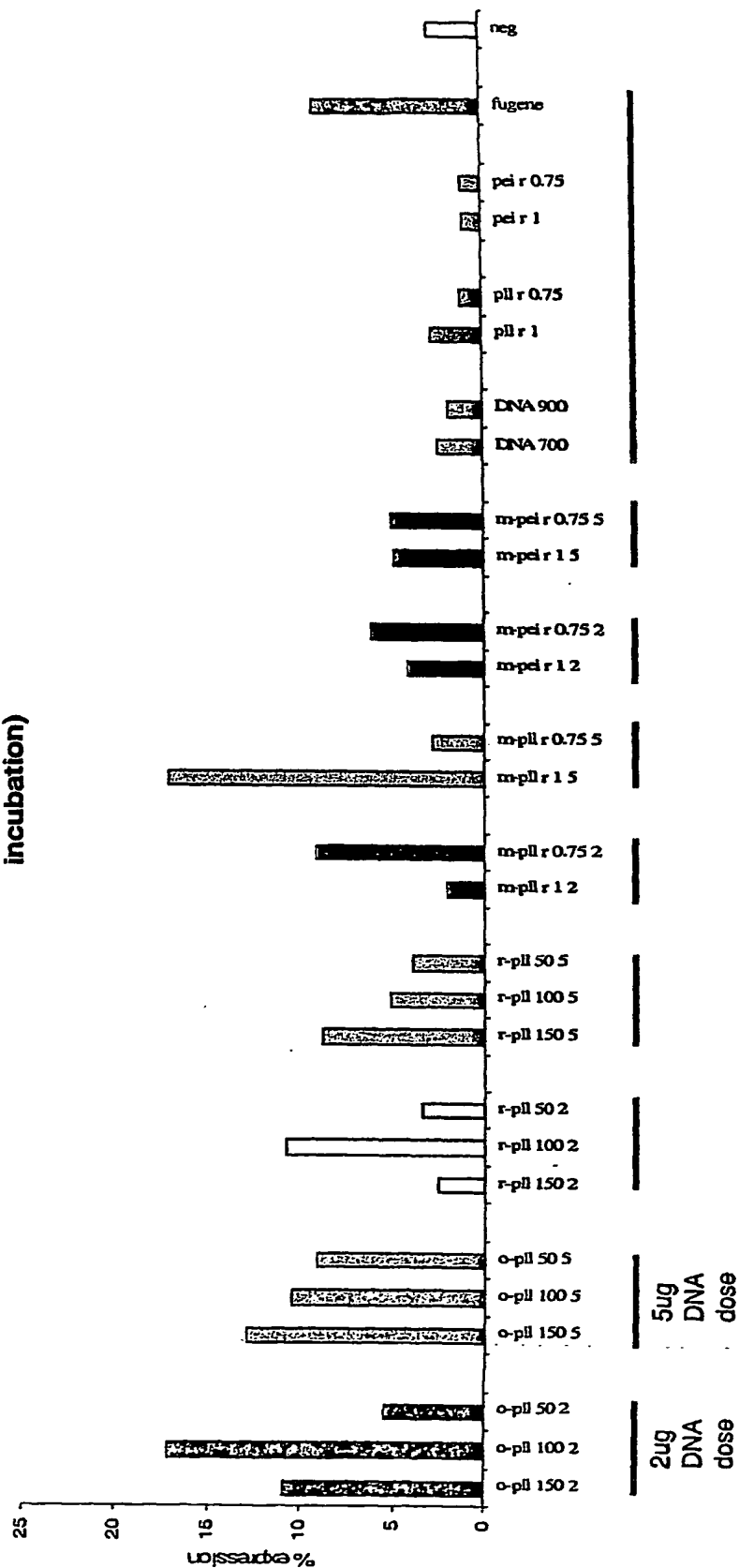


FIGURE 4B

% expression of eGFP conjugated to various carriers in macrophages (20h incubation)

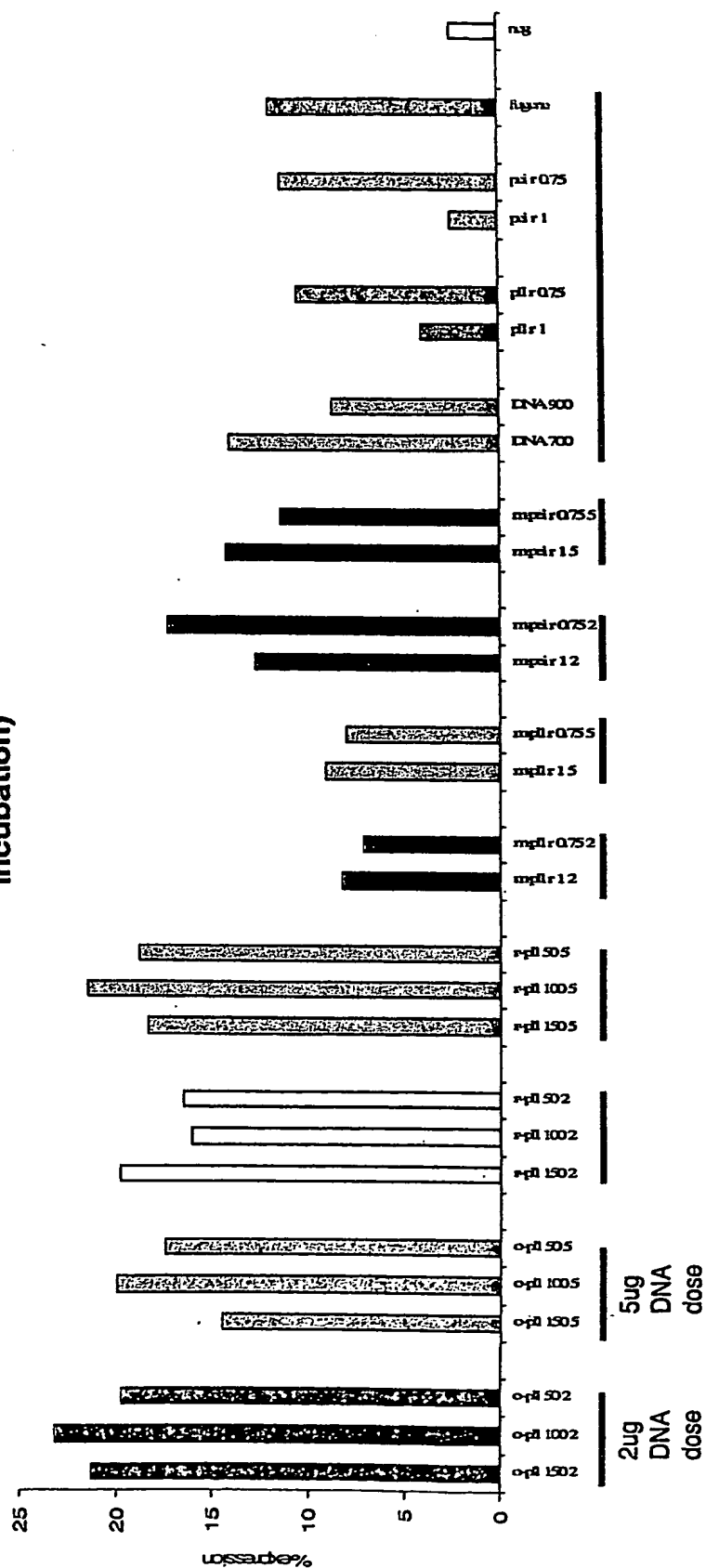


Figure 4c

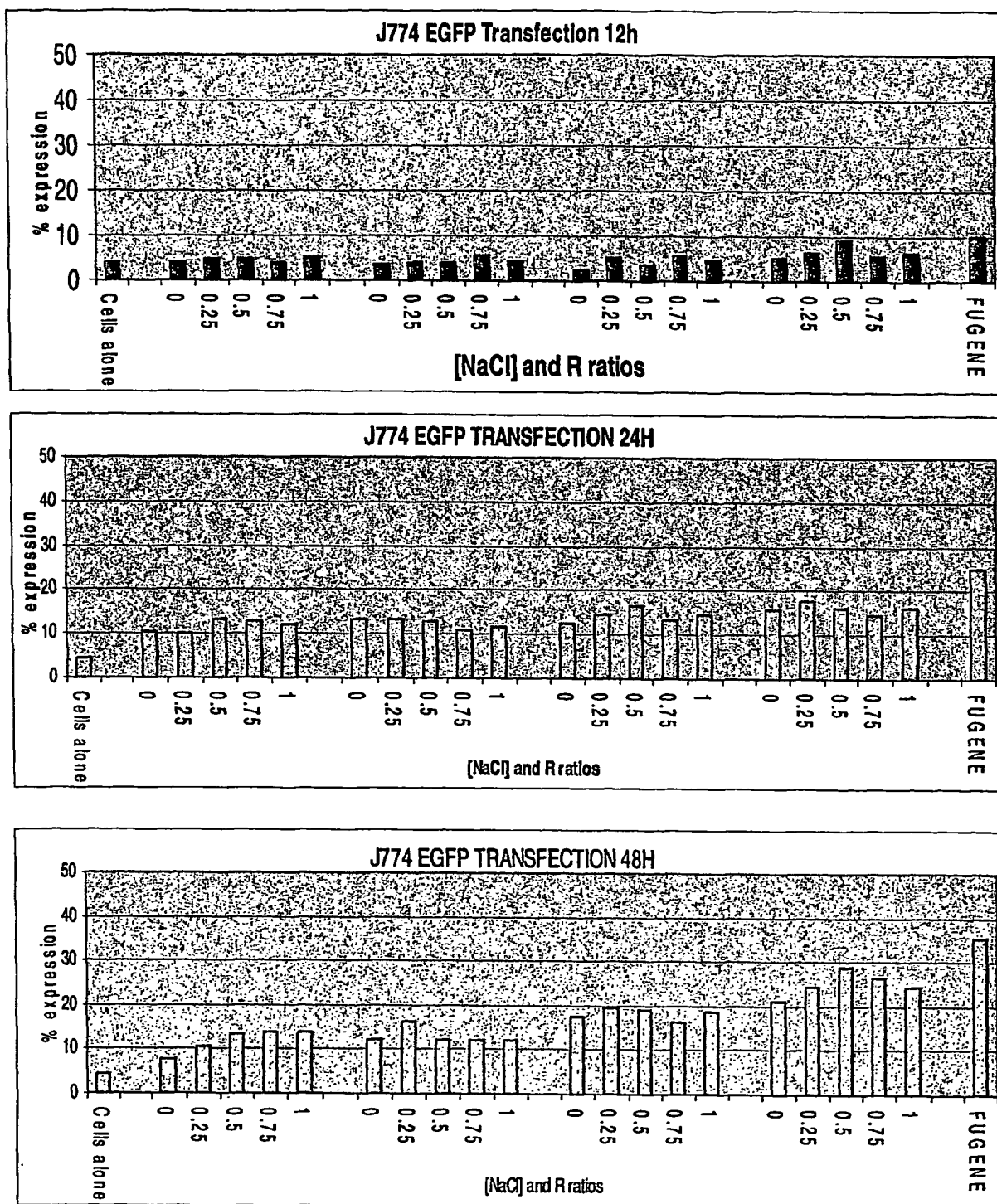


FIGURE 5

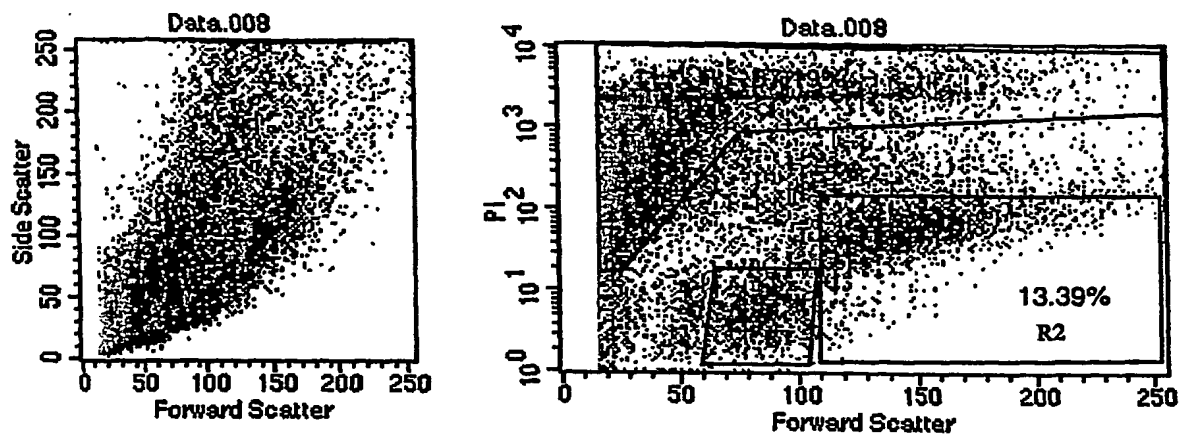
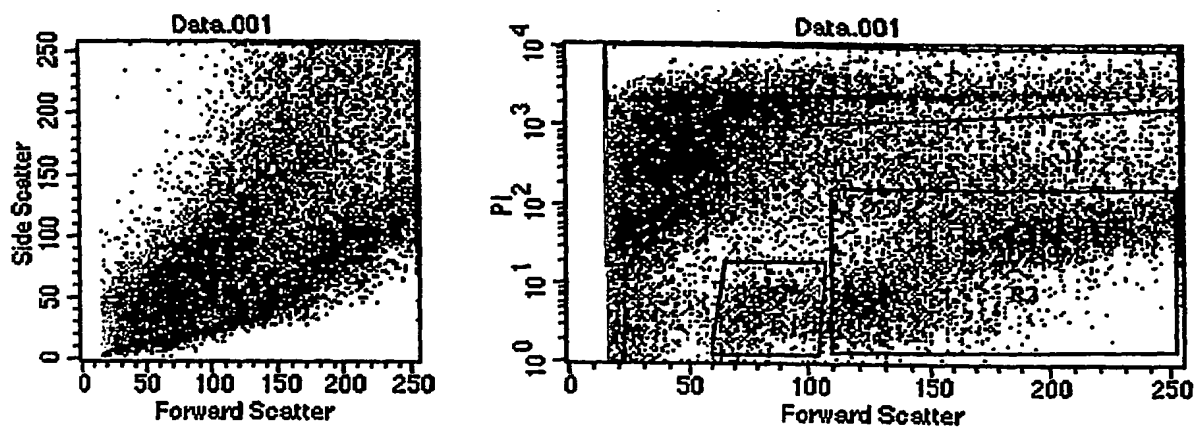
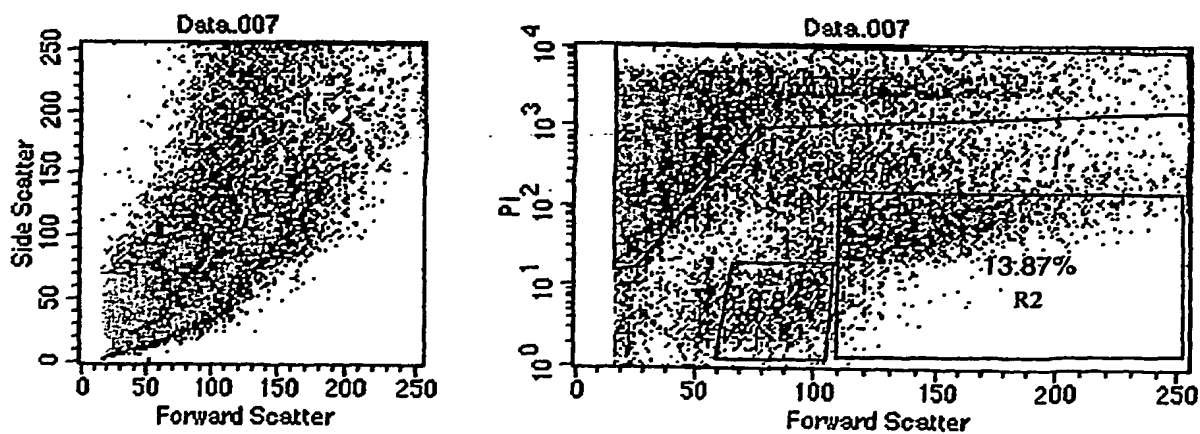
**Media alone (negative control)****OxMan-PLL-eGFP (150 microgram mannan)****RedMan-PLL-eGFP (150 microgram mannan)**

FIGURE 5 CONTINUED

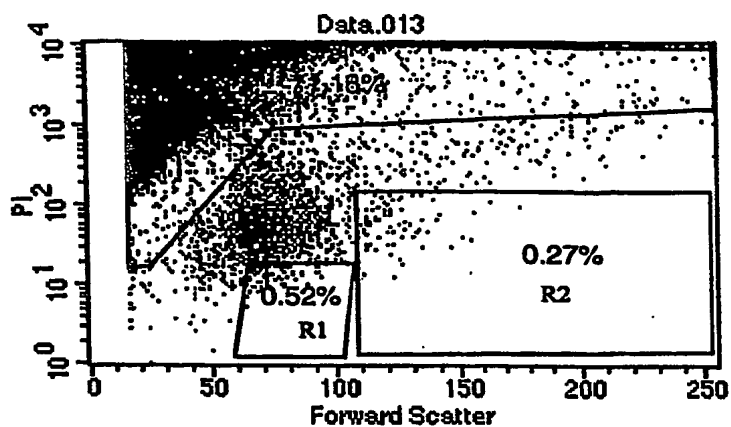
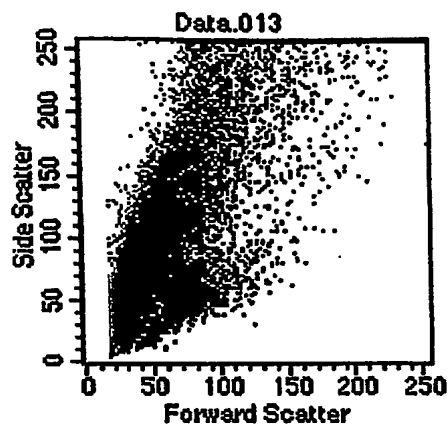
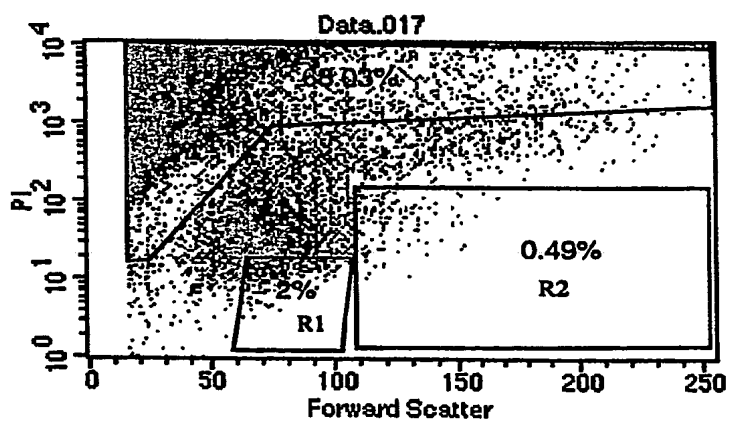
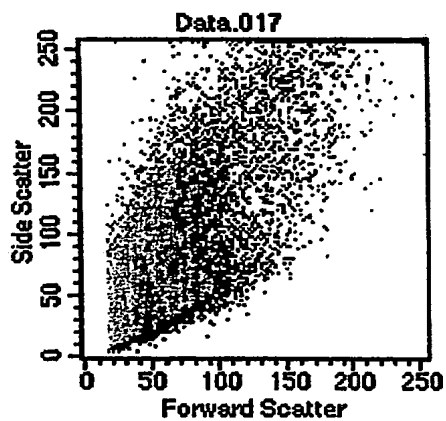
**Mannose-PLL-eGFP ( $r = 0.75$ )****Mannose-PEI-eGFP ( $r = 0.75$ )**

FIGURE 6

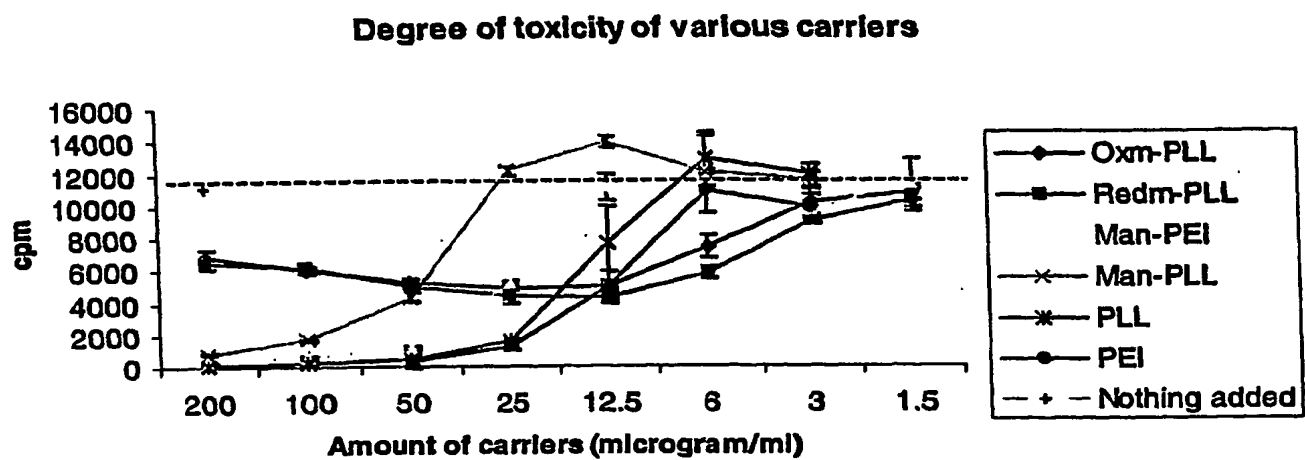


FIGURE 7

Pilot *in vivo* study: Proliferation assay

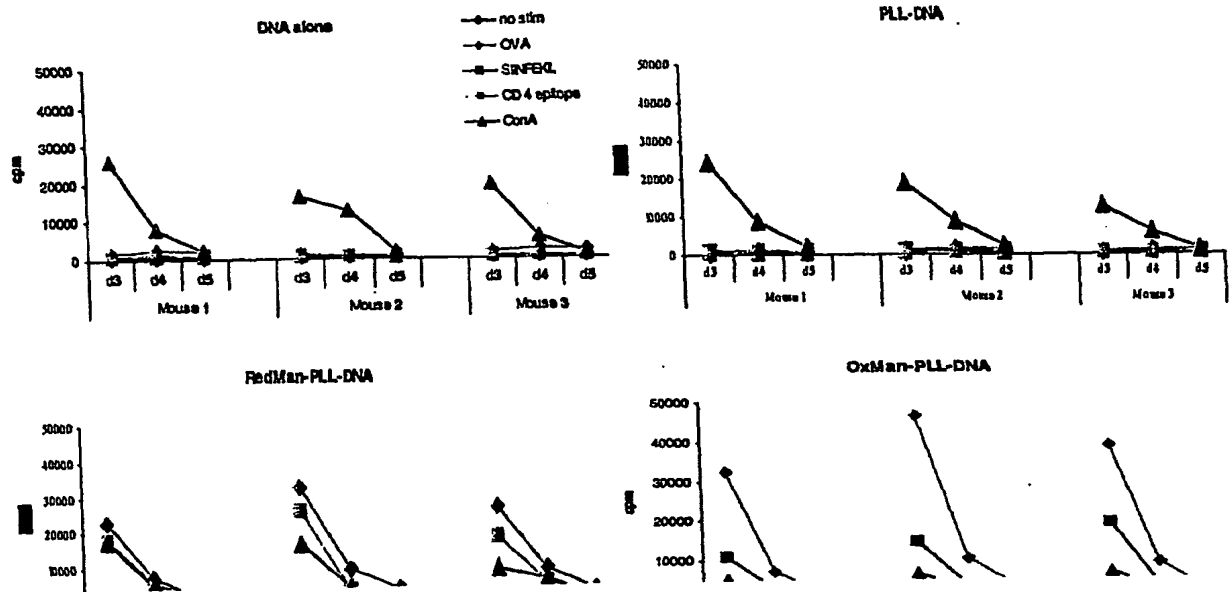


FIGURE 8

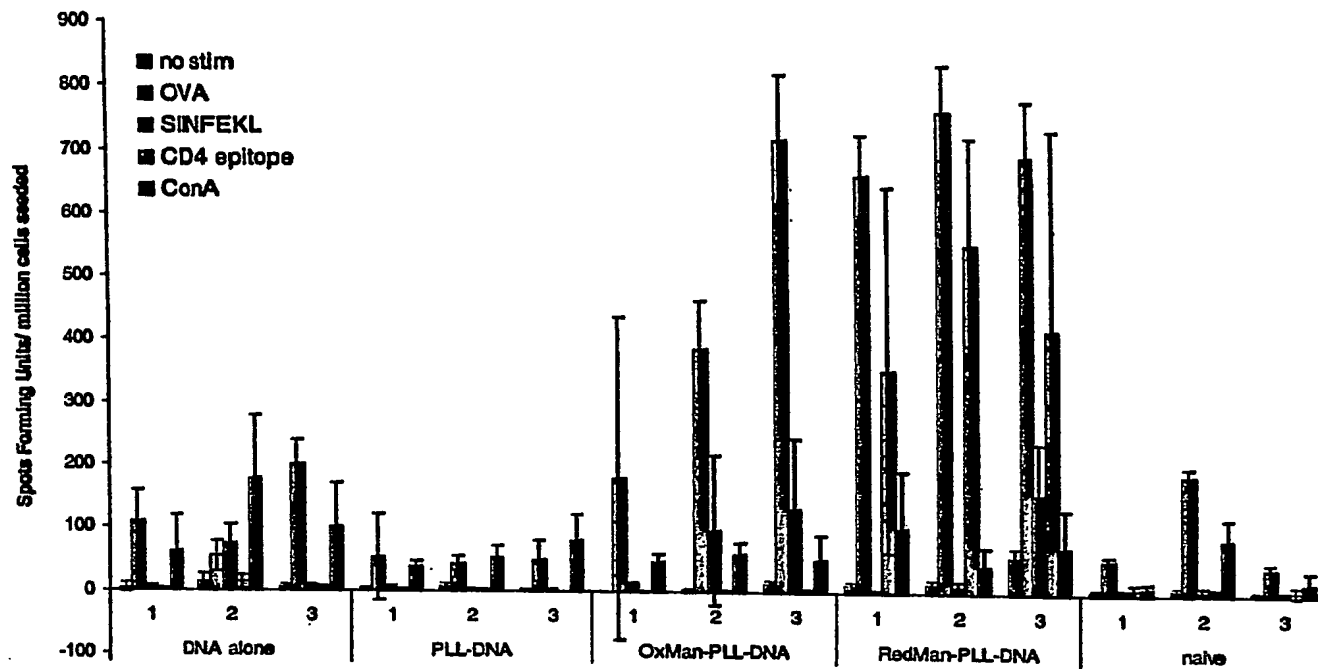
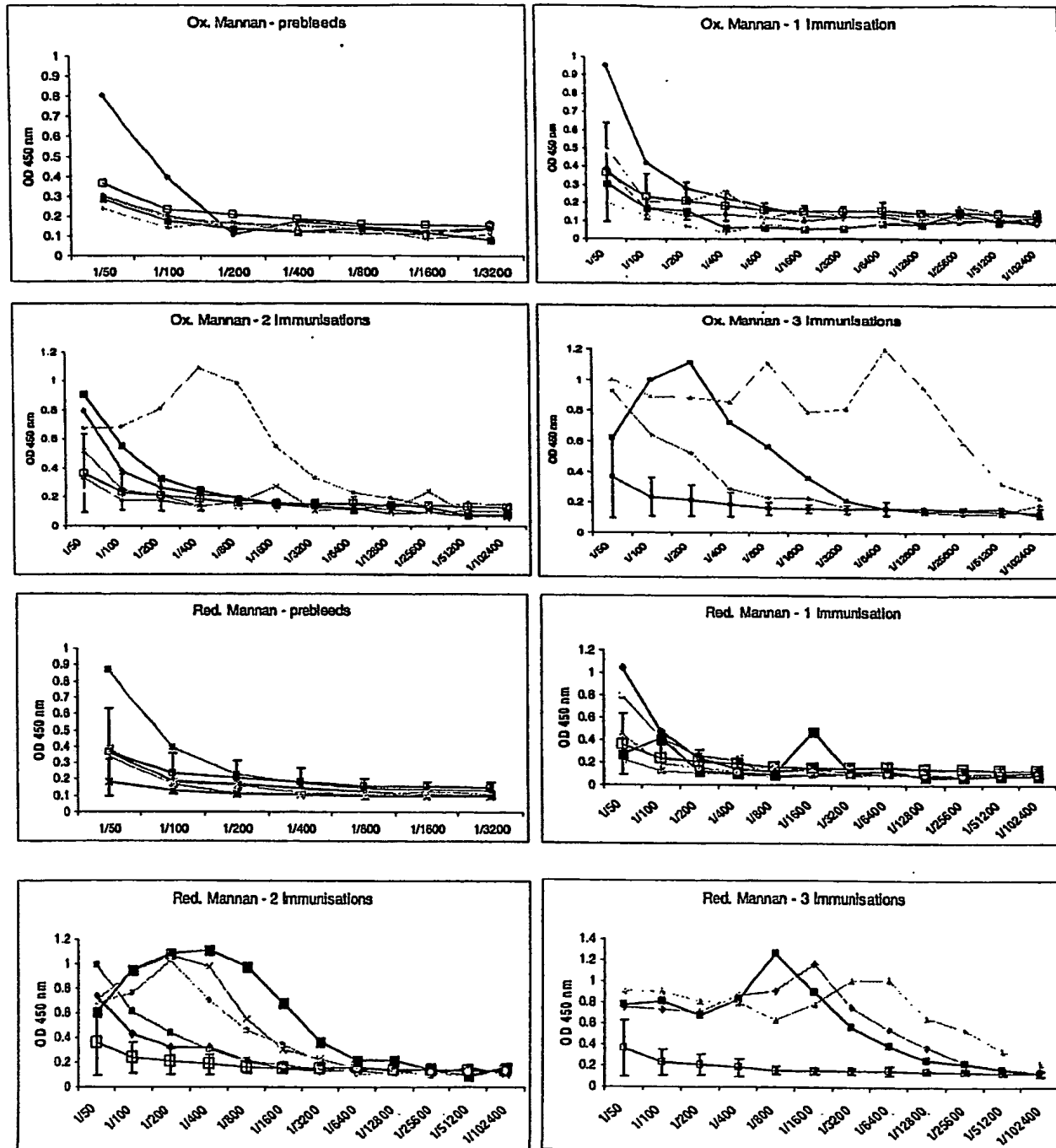
Pilot *in vivo* study: IFN-gamma ELISPOT

FIGURE 9



**FIGURE 10**

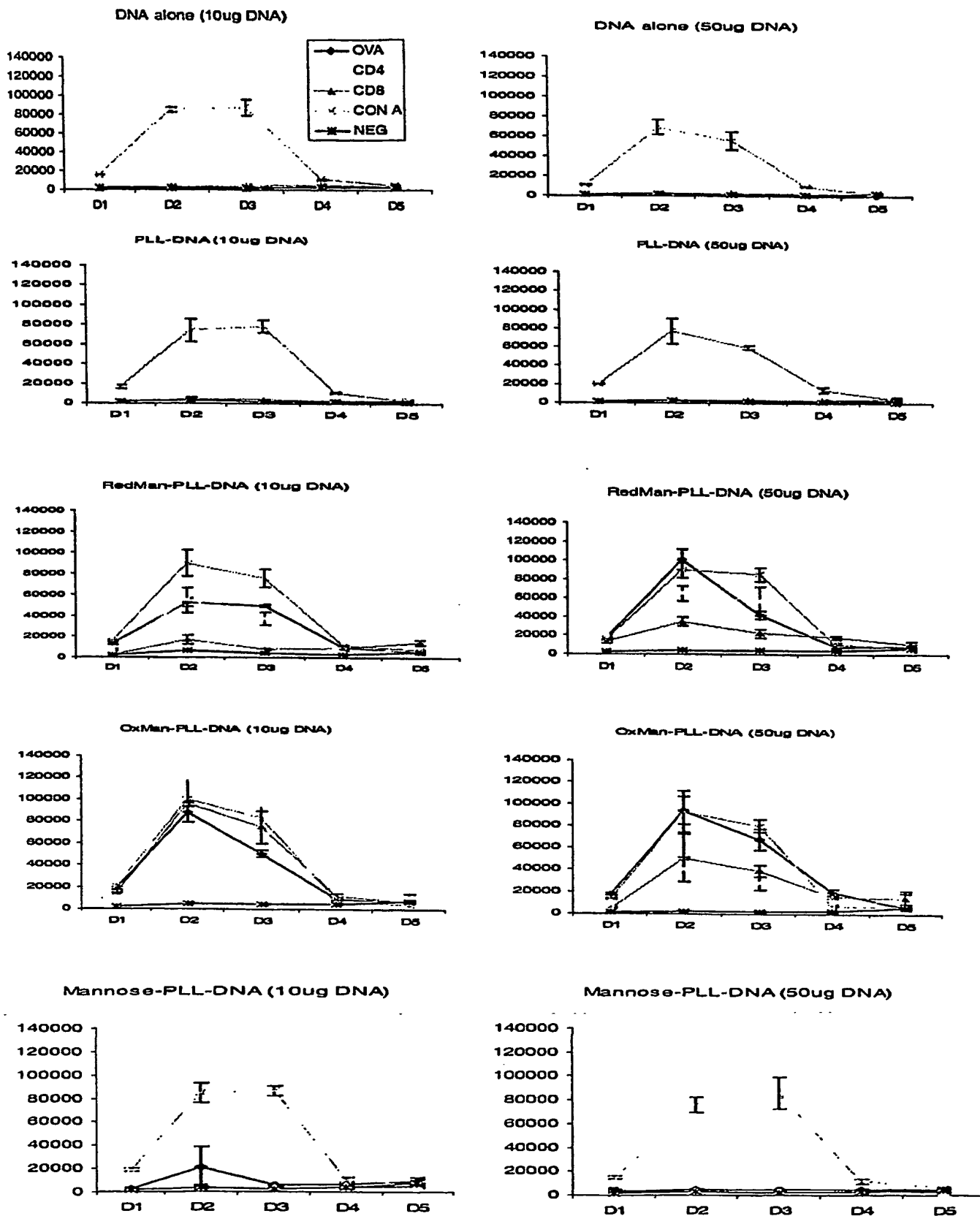
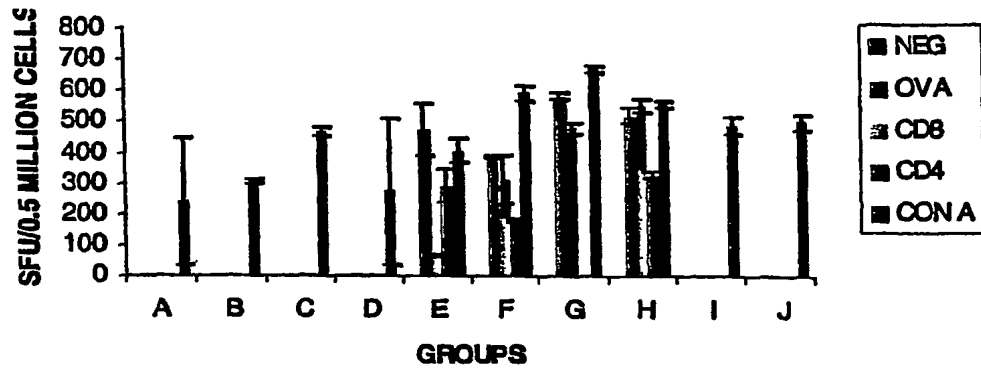


FIGURE 11

Extension *in vivo* study: ELISPOT

## ELISPOT PLOT IFN-G



## ELISPOT PLOT IL-4

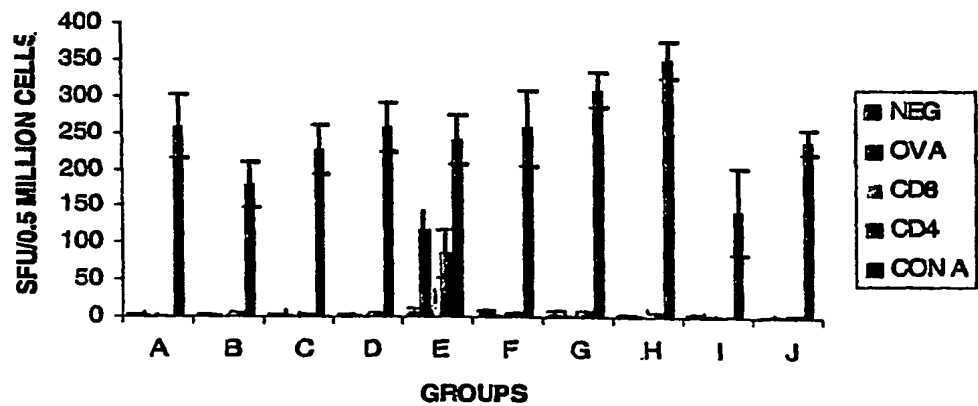


FIGURE 12

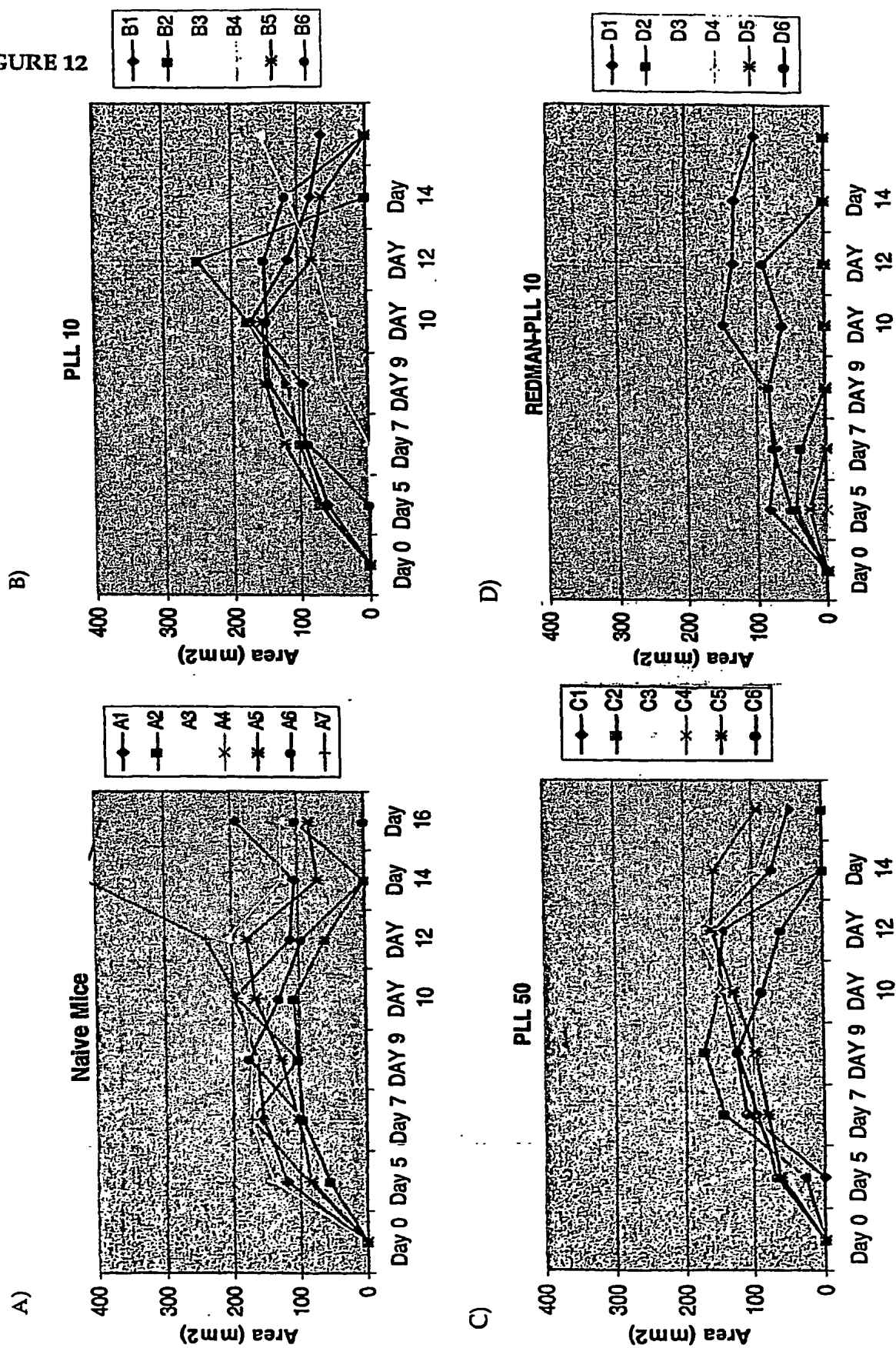
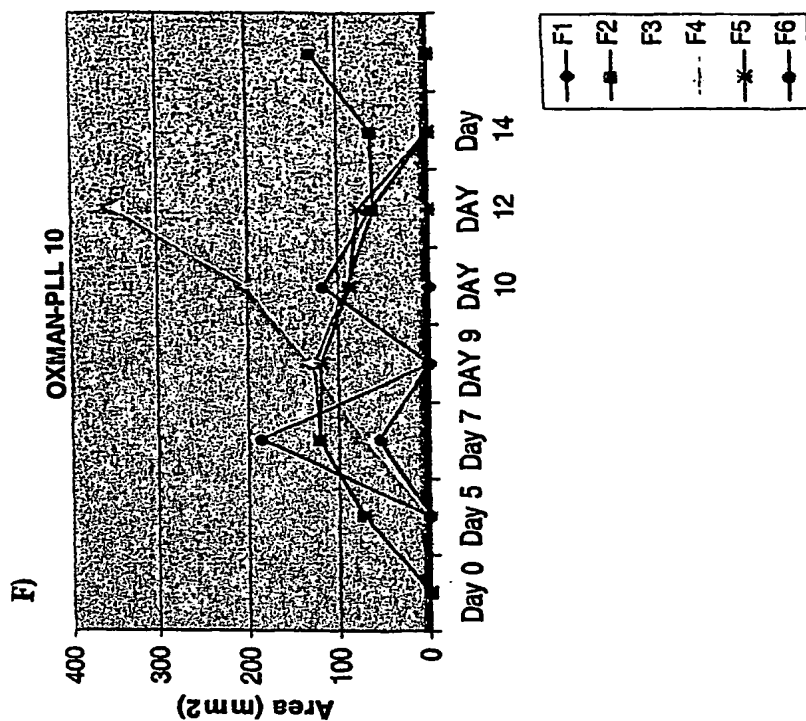
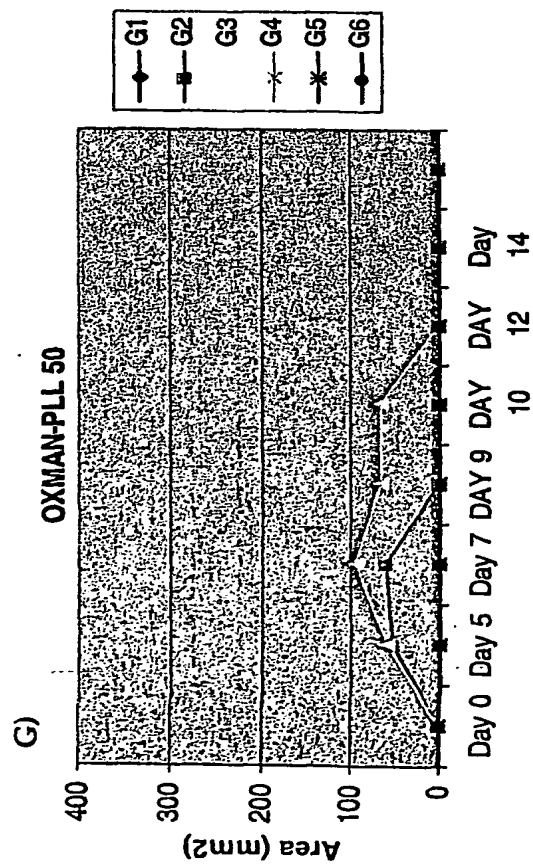
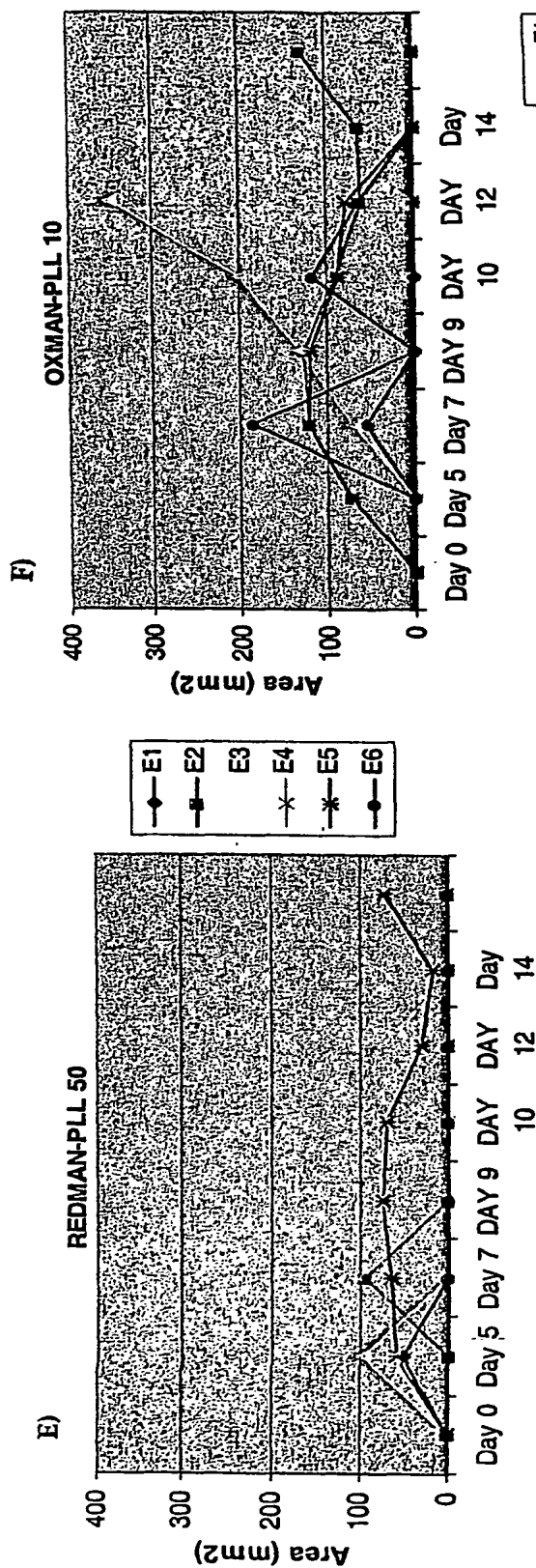


FIGURE 12 CONTINUED



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